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Special Provision for Traffic Barrier Terminal Type 1, Special

September 28, 2001

This special provision was developed by the Bureau of Design and Environment to clarify the differing types of Traffic Barrier Terminal Type 1, Special installations. The designer should choose a flared terminal where possible, as long as no additional R.O.W. needs to be purchased for installation. However, tangent terminals should be chosen in areas of excessive ditch work or where drainage structures require this type of installation. All terminals shall now be installed strictly according to the manufacturer's specifications for the brand of terminal used, which shall include the type and number of posts, foundation tubes, and soil plates.

This special provision has been updated for use with the 2002 Standard Specifications.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 18, 2002 and subsequent lettings. The Project Development and Implementation Section will include the paper copy in the contract.

This special provision will be transferred through the E-mail System to the district offices on September 28, 2001.

41209m

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (BDE)

Effective: August 1, 1994

Revised: January 1, 2002

This work shall consist of furnishing and installing a Traffic Barrier Terminal Type 1, Special of the type specified in the plans according to Section 631 of the Standard Specifications and the following:

Delete all references to Type 1 terminal in Section 631 to the Standard Specifications.

All terminals shall meet the testing criteria contained in the National Cooperative Highway Research Program (NCHRP) Report 350 and be approved by the Department.

The terminal shall be installed according to the manufacturer's specifications and shall include all necessary transitions between the terminal and the item to which it is attached.

The terminals shall follow the manufacturer's specifications for installation as to type and number of posts, foundation tubes, and soil plates.

The terminals at a single location within a project shall be of the same manufacture and configuration and shall be identical in design and appearance unless otherwise specified in the plans.

The terminal section shall provide a minimum length of need of 11.4 m (37.5 ft.).

Traffic Barrier Terminals Type 1, Special (Tangent) or Traffic Barrier Terminal Type 1, Special (Flared) shall be delineated with a terminal marker direct applied. No other guardrail delineation shall be attached to the terminal section.

This work will be paid for at the contract unit price each for TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) and for TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED).

The terminal marker direct applied will be paid for separately.

Widening of existing shoulders for the construction of Traffic Barrier Terminal, Type 1, Special (Tangent) or Traffic Barrier Terminal Type 1, Special (Flared) shall be as shown on the plans and will be paid for according to Section 202 and/or Section 204 of the Standard Specifications.